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In the United States Patent and Trademark Office

Application Number: 09/590,942 ✓  
Application Filed: 9 June 2000  
Applicants: Ari Pine and Arthur L. Shmurun  
Application Title: System and Method for Analyzing Historical Option Market Data Using Relative Frames of Reference  
Examiner/GAU: Poinvil, Frantzy

**Response D**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Letter mailed 20 October 2006, claims have been changed as advised:

**Claims:**

1. (Canceled) A method performed on a computer for analyzing financial market data, the method comprising:
  - storing in a database a plurality of derivative characteristics for each derivative in a plurality of derivatives;
  - storing in the database a plurality of underlying instrument characteristics for an underlying instrument for the plurality of derivatives;
  - determining a relative reference value for each derivative in the plurality of derivatives, said relative reference value being a function of a characteristic of the derivative and an analysis characteristic;
  - selecting a reference criteria for evaluating the derivatives; and
  - identifying each derivative having a relative reference value satisfying the reference criteria.
2. (Canceled) The method of Claim 57, further comprising providing to a user access to a derivative characteristic of each identified derivative having a relative reference value which satisfies the reference criteria.
3. (Canceled) The method of Claim 57, wherein the analysis characteristic is one of the plurality of underlying instrument characteristics.
4. (Canceled) The method of Claim 57, wherein the derivatives in the plurality of derivatives are a class of options.
5. (Canceled) The method of Claim 57, wherein each derivative in the plurality of derivatives is an option straddle.
6. (Canceled) The method of Claim 57, further comprising:
  - retrieving derivative data for the plurality of derivatives from a derivative data provider, the derivative data specifying at least one derivative characteristic for each derivative in the plurality of derivatives; and
  - retrieving underlying instrument data for the underlying instrument from an underlying instrument data provider, the underlying instrument data specifying at least one underlying instrument characteristic.